



Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Invitation to review - EJMSTE-18503-2022-R1

1 pesan

EditorialPark <submissions@editorialpark.com>
Balas Ke: info@modestum.org
Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

13 Oktober 2022 pukul 13.28

Dear Dr. Zubaidah Amir,

I am sending this e-mail hoping with your convenience to review the manuscript entitled **The Cognitive Gap in the Mathematical Thinking Abilities of High School Leavers for College: Are they ready?** that has been sent to our journal, **Eurasia Journal of Mathematics, Science and Technology Education**.

We should be most grateful for your comments on this manuscript. Your evaluation will serve as a guide whether to accept this paper for publication.

Abstract:

After students spending approximately 12 years of formal math learning from high school, they bring a store of enormous "learned" mathematics factual knowledge with them to face the challenges and prepare for college/tertiary level learning. However, research has shown that early tertiary level students face a struggle in learning college mathematics. The ability to think mathematically and use this learned factual knowledge (mathematical thinking) to solve higher order thinking skills (HOTS) problems is an essential requirement of tertiary education. Thus, do these high school leavers have the accessibility of the previously learned factual knowledge and use it effectively in solving these HOTS problems? This sequential research design study was conducted among 640 high school leavers who attained an A grade in their national examination. In the first phase, the researchers investigated their mathematical thinking ability, followed by interviews with selected students on the difficulties and challenges they faced in solving the underlying problems. The findings showed that these students lack the ability to effectively use the previously learned factual knowledge from school mathematics to solve mathematical thinking problems. Secondly, they lack the habitual mind to check their answers after deriving a solution to a given problem. Thirdly, most of them rarely used heuristics to devise a strategy to solve fundamental math problems. Although the expectation of the school math curriculum over the last decade has been re-engineered towards "teaching students to think," this expectation has yet to be fulfilled. Thus, university educators must do more to guarantee that high school graduates can deconstruct their mathematical knowledge and reconnect it with the underpinnings and linkages of college mathematics requirements.

Review Link: <https://www.editorialpark.com/ejmste/my-reviews/28504/QX8ZFWXGXIC0NAADSTA29KNAI5LA8U7A>**Username:** zubaidah.amir@uin-suska.ac.idClick [here](#) to login or reset your password.

Please kindly click the link above in 5 days and inform us about whether you accept this invitation or not.

If you accept to review this manuscript, then we will be waiting for you to complete your evaluation in 28 days.

We are looking forward to your decision. Thank you for your present and future participation.

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

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Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Review invitation reminder for EJMSTE-18503-2022-R1

1 pesan

EditorialPark <submissions@editorialpark.com>

17 Oktober 2022 pukul 20.43

Balas Ke: info@modestum.org

Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Dear Dr. Zubaidah Amir,

This message is automatically sent by EditorialPark Manuscript Submission System as a friendly reminder that only 3 days left to answer the review invitation for the following manuscript:

ID: EJMSTE-18503-2022-R1

Title: The Cognitive Gap in the Mathematical Thinking Abilities of High School Leavers for College: Are they ready?

Decision Deadline: 19 Oct 2022

[Click here to review](#)

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

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Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Invitation to review - EJMSTE-19173-2022-R1

1 pesan

EditorialPark <submissions@editorialpark.com>
Balas Ke: info@modestum.org
Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

6 Desember 2022 pukul 15.46

Dear Dr. Zubaidah Amir,

I am sending this e-mail hoping with your convenience to review the manuscript entitled **Peer assessment processes in a problem-solving activity with future teachers** that has been sent to our journal, **Eurasia Journal of Mathematics, Science and Technology Education**.

We should be most grateful for your comments on this manuscript. Your evaluation will serve as a guide whether to accept this paper for publication.

Abstract:

Assessing problem solving remains a challenge for both teachers and researchers. With the aim of contributing to the understanding of this complex process, this paper presents an exploratory study of peer assessment in mathematical problem-solving activities. The research was conducted with a group of future Secondary mathematics teachers who first were asked to individually solve an open-ended problem and then, to assess a classmate's answer in pairs. We present a study of two cases involving two pairs of students, each of whom assessed the solution of a third classmate. The analysis was carried out in two interrelated phases: (a) individual solutions to the mathematical problem and (b) the peer assessment process. The results show that, in both cases, the assessors were strongly attached to their own solutions, which directly influenced the assessment process, focused on aspects that involve the general problem-solving process and the results. The main difference between the evaluation processes followed by the two pairs lies in the concept of assessment. While the first pair focuses on assessing the resolution process and errors, the other focuses its discussion on giving a numerical grade.

<https://www.editorialpark.com/ejmste/my-reviews/30432/QX8ZFWXGXIC0NAADSTA29KNAI5LA8U7A>

Username: zubaidah.amir@uin-suska.ac.id

Password: 5TS#FEG

Please kindly click the link above in 5 days and inform us about whether you accept this invitation or not.

If you accept to review this manuscript, then we will be waiting for you to complete your evaluation in 28 days.

We are looking forward to your decision. Thank you for your present and future participation.

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

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Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

You have accepted to review EJMSTE-19173-2022-R1

1 pesan

EditorialPark <submissions@editorialpark.com>
Balas Ke: info@modestum.org
Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

12 Desember 2022 pukul 06.05

Dear Dr. Zubaidah Amir,

Thank you for accepting our review invitation. You can click on the following link to review the manuscript:

[Click here to review](#)

Let us know if you need any additional assistance.

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

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Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Review invitation reminder for EJMSTE-19173-2022-R1

2 pesan

EditorialPark <submissions@editorialpark.com>
Balas Ke: info@modestum.org
Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

10 Desember 2022 pukul 20.44

Dear Dr. Zubaidah Amir,

This message is automatically sent by EditorialPark Manuscript Submission System as a friendly reminder that only 3 days left to answer the review invitation for the following manuscript:

ID: EJMSTE-19173-2022-R1

Title: Peer assessment processes in a problem-solving activity with future teachers

Decision Deadline: 13 Dec 2022

[Click here to review](#)

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

<https://www.ejmste.com>

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Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>
Kepada: info@modestum.org

12 Desember 2022 pukul 06.08

Dear editor EJMSTE
I will do it as soon as possible. Thanks.
[Kutipan teks disembunyikan]



Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

Thank you for your review on EJMSTE-19173-2022-R1

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Kepada: Zubaidah Amir <zubaidah.amir@uin-suska.ac.id>

1 Januari 2023 pukul 17.03

Dear Dr. Zubaidah Amir,

Thank you for your review on the following manuscript:

ID: EJMSTE-19173-2022-R1**Title:** Peer assessment processes in a problem-solving activity with future teachersYour Recommendation: **MINOR REVISION - wants to see again****Comment to Authors:**

This article is interesting, but it needs an explanation in some parts. There needs to be an explanation of how to develop problem-solving test questions, and what mathematical material to focus on. did it go through the previous validation process? explain the process.

The problem-solving indicators in this research refer to whom? there needs to be confirmed.

Apart from tests, what techniques were used to collect data? documentation? deep interview? audio recording? need to be explained.

Regarding the categories used in the analysis (general processes, operations, reasoning, and results), defined from those shown by Arnal-Bailera, et al. (2018), this requires further explanation about each category, so that readers get a clearer picture, before implementing it in data analysis.

To make it easier for the reader to understand, it is necessary to make an analysis table of the differences in the results of the assessment of the two cases based on the Arnal Bailera category, so that it is easier to draw conclusions.

[note-EJMSTE.docx](#)**Review Questions Answers:**

Sincerely,
Editorial Office

Eurasia Journal of Mathematics, Science and Technology Education

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